



VILLAGE OF WILSON

ON THE SHORES OF LAKE ONTARIO

WATER BACKFLOW PREVENTION POLICY

Superintendent or his designated agent shall give notice, in writing, to said customer to install such an acceptable backflow prevention device at each service connection to the premises. The customer shall install within a reasonable time, as determined by the Village Water Superintendent, such approved device or devices at his own expense, and failure, refusal or inability on the part of the customer to install said device or devices immediately shall constitute a ground for discontinuing water service to the premises until such device or devices have been properly installed.

A. Definitions. As used in this section, the following terms shall have the meanings indicated:

ACCEPTABLE BACKFLOW PREVENTION DEVICE – An acceptable air gap, reduced pressure zone device or double check valve assembly as used to contain potential contamination within a facility. The Village of Wilson is recommending the Watts #7 double check valve as the accepted backflow prevention device for residential use. In order for the reduced pressure zone device or the double check valve assembly to be acceptable it must be listed on the most current version of the New York State department of Health list of acceptable devices per NYS Sanitary Code 5–1.31.

AESTHETICALLY OBJECTIONABLE FACILITY – One in which substances are present which, if introduced into the public water supply system, could be a nuisance to other customers but would not adversely affect human health. Typical examples of such substances are hot water, food-grade dyes, stagnant water from fire lines in which no chemical additives are used, etc.

AIR GAP – The unobstructed vertical distance through the free atmosphere between the lowest opening from any pipe or faucet which is supplying water to a tank, plumbing fixture or other device and the flood-level rim of said vessel. An approved air gap shall be at least double the diameter of the supply pipe, measured vertically, above the top of the rim of the vessel, and in no case less than one inch.

APPROVED – Accepted by the Village of Wilson Water Superintendent as meeting an acceptable specification stated or cited in this section or as suitable for the proposed use.

AUXILIARY WATER SUPPLY – Any water supply on or available to the premises other than the Village of Wilson approved public water supply. These auxiliary waters may include water from another purveyor's public potable water supply or any natural source(s), such as a well, spring, river, stream, harbor, etc., or used waters. These waters may be contaminated or they may be objectionable and constitute an

unacceptable water source over which the water purveyor does not have sanitary control.

BACKFLOW – A flow condition, induced by a differential in pressure that causes the flow of water or other liquids and/or gases into the distribution pipes of the Village of Wilson supply system from any source other than its intended source.

CERTIFIED TESTER – That individual or firm approved to accomplish the necessary inspections and operational tests of backflow prevention devices.

CONTAMINATION – The presence in water of a substance that tends to degrade its quality.

CUSTOMER – A water user served by the Village of Wilson water supply system.

CUSTOMER'S WATER SYSTEM – The piping used to convey water supplied by the Village of Wilson water supply system throughout a customer's facility. The system shall include all those parts of the piping beyond the control point of the Village Water Department. The control point is either the curb valve or the main valve located in the public right-of-way that isolates the customer's facilities from the Village of Wilson distribution system.

DEGREE OF HAZARD – Whether a facility is rated hazardous, aesthetically objectionable or nonhazardous.

DOUBLE CHECK VALVE ASSEMBLY, ACCEPTABLE – An assembly that is composed of two single, independently acting check valves, including tightly closing shutoff valves located at each end of the assembly and suitable connections for testing the water tightness of each check valve.

HAZARDOUS FACILITY – One in which substances may be present which, if introduced into the public water system, would or may endanger or have an adverse effect on the health of other water customers. Typical examples are laboratories, sewage treatment plants, chemical plants, hospitals and mortuaries.

NONHAZARDOUS FACILITY – One which does not require the installation of an acceptable backflow prevention device.

PUBLIC WATER SUPPLY SYSTEM – The Village of Wilson water supply system, including the source, treatment works, transmission mains, distribution system and storage facilities serving the public. This includes the distribution system up to its connection with the customer's water system.

SUPERINTENDENT – The Superintendent of the Village of Wilson Water Department.

B. Requirements.

- (1) The customer's water system shall be open for inspection at all reasonable times to authorized representatives of the Village of Wilson Water Department.
- (2) The Village Water Superintendent shall rate a customer's water system according to its degree of hazard to the public water system. Some of the factors to be considered are the use and availability of contaminants, the availability of an auxiliary water supply and the type of fire-fighting system in use.
- (3) Upon transfer by sale of a facility connected to the public water supply system, an inspection of the facility will be conducted by the Water Superintendent or his authorized representative. If found upon inspection that the facility does not meet the minimum requirements set forth by this section, the facility must be brought up to minimum requirements set forth by this section, the facility must be brought up to minimum standards before the new owner will be permitted to draw water from the public water supply.
- (4) An acceptable backflow prevention device shall be installed on each service line to a customer's water system at or near the property line or immediately inside the building being serviced, but in all cases before the first branch line leading off the service line, as follows:
 - (a) Whenever a customer's water system is rated hazardous, an acceptable reduced pressure zone device or air gap shall be installed.
 - (b) Whenever a customer's water system is rated aesthetically objectionable, as a minimum an acceptable double check valve assembly shall be installed.
- (5) The design of the installation of an acceptable backflow prevention device must be prepared in accordance with New York State laws and regulations. The design must be approved by the Superintendent and all agencies required by the applicable New York State and Village of Wilson laws and regulations.
- (6) It shall be the duty of the customer, at any premises deemed to be classified as hazardous or aesthetically objectionable, to have all backflow prevention devices certified and tested at least once a year. In those instances where the Superintendent deems the hazard to be great enough, he may require certified inspections at more frequent intervals. Certified inspections and operational tests must also be made when any Backflow prevention device is to be installed, repaired, overhauled or replaced in addition to the requirement of an annual certified inspection and operational test. All inspections and tests are to be at the expense of the customer and shall be performed by the device manufacturer's representative, Village of Wilson personnel or by a certified tester

approved by the Village of Water Superintendent. The Village Water Department shall make available the names, addresses and telephone numbers of those persons who are certified as testers for backflow prevention devices. It shall be the duty of the Superintendent to see that certified inspection and operational test of the backflow prevention devices are made. The customer shall notify the Superintendent in advance, in writing, when the tests are to be undertaken so that he or his representative may witness the tests if he so desires. These devices shall be repaired, overhauled or replaced at the expense of the customer whenever said devices are found to be defective. Records of such tests, repairs and overhauls shall be kept and made available to the Village of Wilson Superintendent. Copies of all testing and maintenance records shall be sent to the Superintendent immediately after the work is performed.

- (7) All presently installed prevention devices which do not meet the requirements of this section but were approved devices for the purposes described herein at the time of installation and which have been properly maintained shall, except for the inspection and maintenance requirements under Subsection B(6), be excluded from the requirements of these rules, so long as the Superintendent is satisfied that they will satisfactorily protect the public water supply system. Whenever the existing device is moved from its present location or requires more than minimum maintenance, or it constitutes a hazard to health, the unit shall be replaced by a backflow prevention device meeting the requirements of this section.
- (8) No water service connection to any customer's water system shall be installed or maintained by the Village Water Department unless the water supply is protected as required by state laws and regulations and this section. Service of water to any premises shall be discontinued by the Village Water Department if a backflow prevention device required by this section is not installed, tested and maintained or if it is found that a backflow prevention device has been removed or bypassed. Service will not be restored until such conditions or defects are corrected.

C. Enforcement and penalties.

- (1) A violation of the provisions of Subsection B of this section is a misdemeanor punishable by a fine not to exceed \$1,000.00 or by imprisonment not exceeding six (6) months, or by both fine and imprisonment. In lieu of or in addition to such fine and imprisonment, or both, each such violation shall be subject to a civil penalty not exceeding \$1,000.00 for any one case, to be recovered in an action or proceeding brought by the Village Attorney of the Village of Wilson in a court of competent jurisdiction. Each day of a continuing violation shall be subject to a separate such fine, imprisonment or civil penalty.
- (2) The Village Attorney may maintain an action or proceeding in the name of the Village in a court of competent jurisdiction to compel compliance with this section or restrain by injunction any violation of this section, not with-

standing the provisions of Subsection C(1) hereof for a penalty or other punishment.

- (3) Where any violation of this section causes expense to the Village, such violation may also be punishable by a civil suit against the violator, brought by the Village Attorney of the Village of Wilson in the name of the Village in a court of competent jurisdiction, to recover such additional cost.

Restrictions during periods of drought and emergency.

The Village reserves the right, if need be, in periods of drought or emergency, to restrict the use of water for sprinkling to particular hours determined by the Board or to prohibit it entirely.

Rights reserved by Board

Rights served by the Board shall be as follows:

- A. To make such changes in the rules and regulations as it may deem to be in the best interests of the Village.
 - (1) The Board will review any application duly presented in writing by a responsible party, such as, but not limited to, military installations or state or federal parks, which shall agree to pay a guaranteed minimum annual revenue in lieu of taxes, in addition to all other charges set forth in these rules and regulations, of sufficient amount to compensate the Village for its expenses in financing the extension proposed. The owner shall also contract for said water for a period of time to be determined by the Board.
 - (2) The owner, in making such application, shall agree to provide all needed easements, rights-of-way and proof of ownership in full accordance with all Village laws and ordinances and in full accordance with all conditions herein set forth and shall provide, at the owner's expense, all maps, plans and the like necessary to perform the proposed extension.
 - (3) No main extensions will be approved by the Board until the land is owned and controlled forever by the Board, its successors and assigns.
 - (4) The Board reserves the right to determine location, size, type and make of all materials and labor so employed.

Policy passed at December 20, 2018 Village Board Meeting.